

REMARKS/ARGUMENTS

Claims 1-4 and 7-9 are pending in this application. By this amendment, Claims 1-2 and 9 are amended and Claims 5 and 6 are canceled. Favorable reconsideration of this application, in view of the above amendments and in light of the following remarks and discussion, is respectfully requested.

I. Objection to the Drawings

The drawings are objected to for not showing every feature of the invention specified in the claims. Specifically, the drawings are objected to for not showing “a plurality of wick symmetrically arranged on a horizontal surface parallel to the axis.” In view of the cancellation of Claims 5 and 6 reciting the features discussed above, withdrawal of the objection to the drawings is respectfully requested.

II. Rejection of Claims 2, 4, 5 and 6 under 35 U.S.C. § 112, first paragraph

Claims 2, 4, 5 and 6 are rejected under 35 U.S.C. § 112, first paragraph for failing to comply with the written description requirement. With respect to Claims 2 and 4, Claim 2 is amended to more clearly recite the features of the invention. With respect to Claims 5 and 6, as discussed above with respect to the objection to the drawings, Claims 5 and 6 are now canceled.

Accordingly, withdrawal of the rejection of Claims 2 and 4-6 under 35 U.S.C. § 112, first paragraph is respectfully requested.

III. Rejection of Claims 3 and 7 under 35 U.S.C. § 112, second paragraph

Claims 3 and 7 are rejected under 35 U.S.C. § 112, second paragraph for being indefinite. With respect to Claim 3, Claim 1 is amended to provide antecedent basis for the plurality of grooves. With respect to Claim 7, Applicants respectfully assert that the preamble and the body of the claim do not make the scope of the claim unclear. The

preamble of claim 7 is consistent with the preamble of claim 1. Additionally, the evaporator and the condenser are positively recited in claim 1 therefore providing proper antecedent basis for their recitation in claim 7.

Accordingly, withdrawal of the rejection of Claims 3 and 7 under 35 U.S.C. § 112, second paragraph is respectfully requested. However, if the Examiner disagrees, the Examiner is invited to telephone the undersigned.

IV. Rejection of Claims 1, 3, and 7-9 under 35 U.S.C. § 102(b) or 35 U.S.C. § 103(a)

Claims 1, 3, 7, 8 and 9 are rejected under 35 U.S.C. § 102(b) as anticipated by or, in the alternative, under 35 U.S.C. § 103(a) as obvious over U.S. Patent No. 5,933,323 to Bhatia et al.

As stated above, independent Claims 1 and 9 have been amended. Applicants respectfully assert that support for the changes to the independent claims is disclosed at least with respect to Figures 5-7 and the corresponding disclosure on pages 17-18. Accordingly, no new matter has been added.

Exemplary embodiments of the present invention are directed to a heat transport device and electronic apparatus. Bhatia et al. does not teach, disclose or suggest, a condenser having a plurality of wicks for generating capillary force for refluxing fluid, each wick includes a plurality of grooves, as recited in independent claims 1 and 9.

Instead, Bhatia et al. is directed to an electronic component lid that provides a thermal dissipation. As shown in Figure 3, the center of the heat pipe structure contains a fluid inside the hollow region of the flat heat pipe near inner wick ring 301 that vaporizes, absorbing heat in that region. The vaporized fluid is caused to be pumped through vapor channels 304 to the cooler regions near outer wick ring 302. At or near the outer wick ring 302 the vaporizing fluid re-condenses in the capillary action of the wick segments causing the condensed fluid to

flow from outer wick ring 302 along wick segments 303 back to the heat source at inner wick ring 301.

Accordingly, Bhatia et al. does not teach the claimed features of a condenser having a plurality of wicks for generating capillary force for refluxing fluid with each wick includes a plurality of grooves, as recited in each of independent Claims 1 and 9. Bhatia et al. merely discloses a single wick enclosed with a casing 310. The single wick includes the inner wick ring 301 and the outer wick ring 302 with multiple wick segments 303 connecting the inner and outer wick rings. The Office Action appears to assert that the plurality of wicks are formed by the outer wick ring 302 and the wick segments 303. However, none of the wick portions includes a plurality of grooves.

Specifically, independent Claims 1 and 9 recite that the condenser has a plurality of wicks for generating capillary force for refluxing fluid, and each of the wicks includes a plurality of grooves. At least these features of independent Claims 1 and 9 are not shown in Bhatia et al. Thus, Applicants respectfully request the rejection of independent Claims 1 and 9 under 35 U.S.C. § 102(b) or, in the alternative, under 35 U.S.C. § 103(a) be withdrawn and the independent claims allowed.

Dependent Claims 2-4 and 7-8 depend from independent Claim 1. Thus, Applicants respectfully request that the rejection of dependent Claims 2-4 and 7-8 under 35 U.S.C. § 102(b) or, in the alternative, under 35 U.S.C. § 103(a) be withdrawn and the dependent claims allowed.

Consequently, in view of the present amendment, no further issues are believed to be outstanding in the present application, and the present application is believed to be in condition for formal allowance. A Notice of Allowance for Claims 1-4 and 7-9 is earnestly solicited.

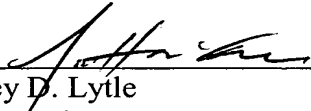
Should the Examiner deem that any further action is necessary to place this application in even better form for allowance, the Examiner is encouraged to contact the undersigned representative at the below listed telephone number.

Respectfully submitted,

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